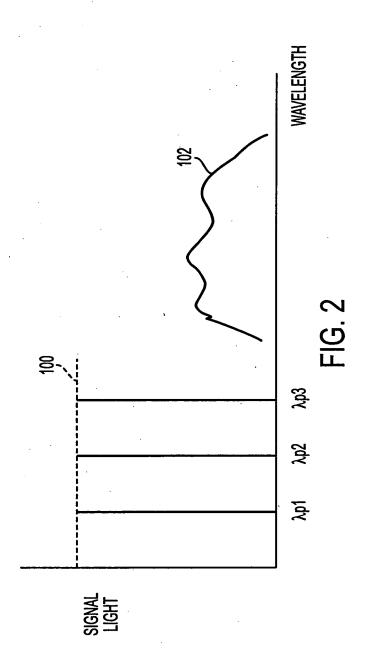
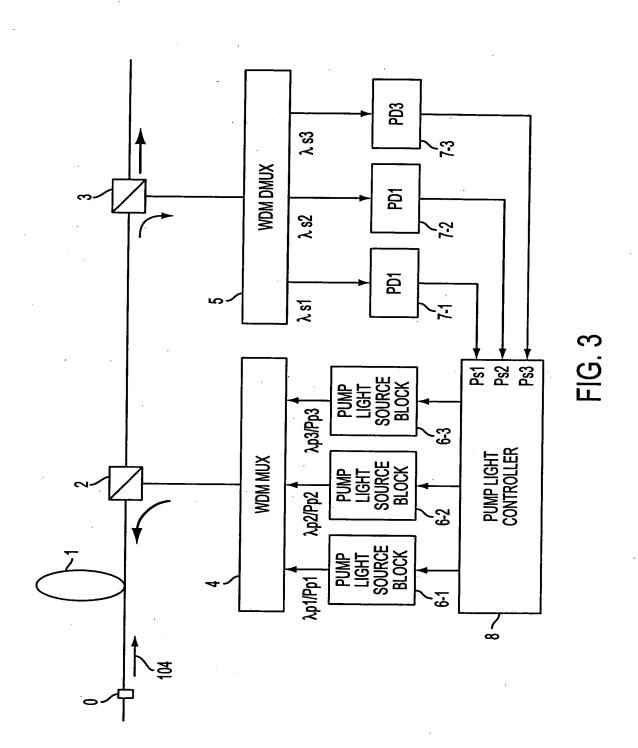


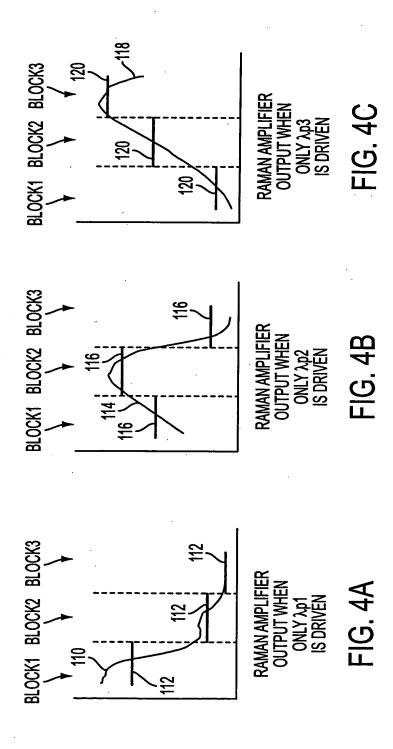
FIG. 1



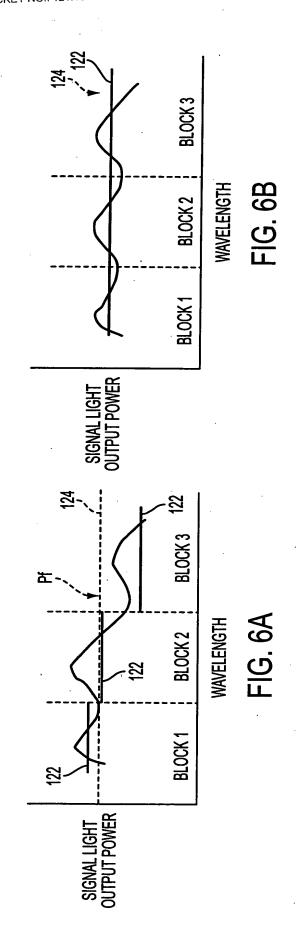


TITLE: OPTICAL AMPLIFIER WITH PUMP LIGHT SOURCE CONTROL FOR RAMAN AMPLIFICATION INVENTORS: Etsuko HAYASHI, et al.

SERIAL NO.: DOCKET NO.: 121.1002D



TITLE: OPTICAL AMPLIFIER WITH PUMP LIGHT SOURCE CONTROL FOR RAMAN AMPLIFICATION INVENTORS: Etsuko HAYASHI, et al. SERIAL NO.: DOCKET NO.: 121.1002D PUMP LIGHT
OUTPUT DIFFERENCE
(mM) WHEN
ONLY AD3
IS DRIVEN BLOCK3:A<sub>33</sub> FIG. 5C BLOCK3:A<sub>32</sub> BLOCK1:A<sub>12</sub> PUMP LIGHT OUTPUT DIFFERENCE (mW) WHEN ONLY AD2 IS DRIVEN BLOCK2:A<sub>22</sub> BLOCK3:A<sub>2</sub> PUMP LIGHT OUTPUT DIFFERENCE (mW) WHEN BLOCK1:A<sub>11</sub> FIG. 5A ONÍY Ap1 IS DRIVEN



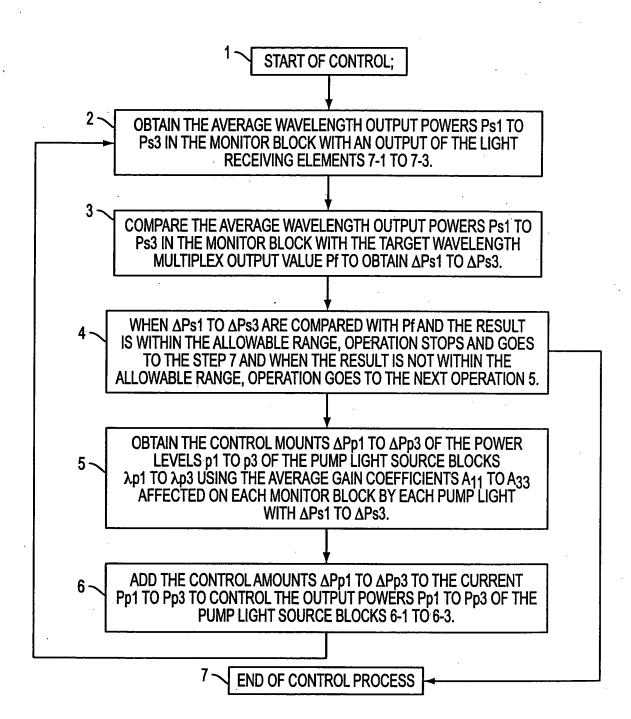
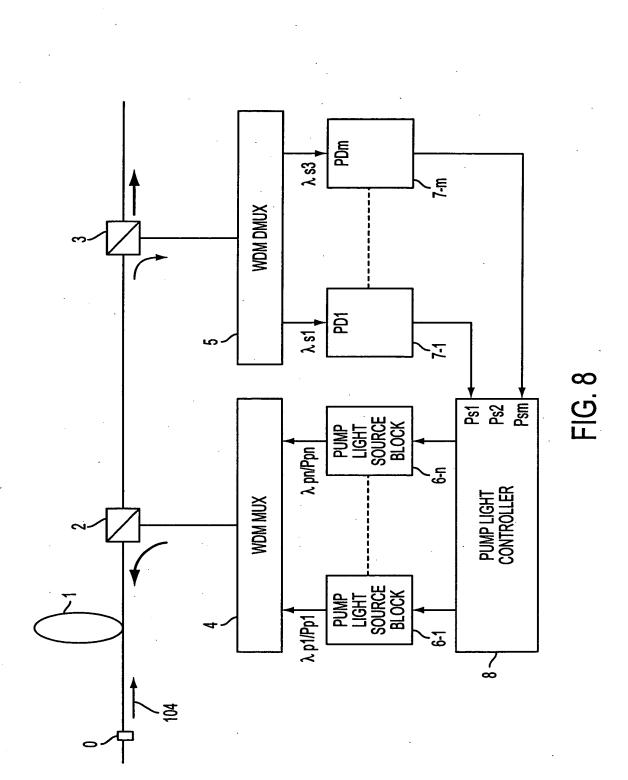
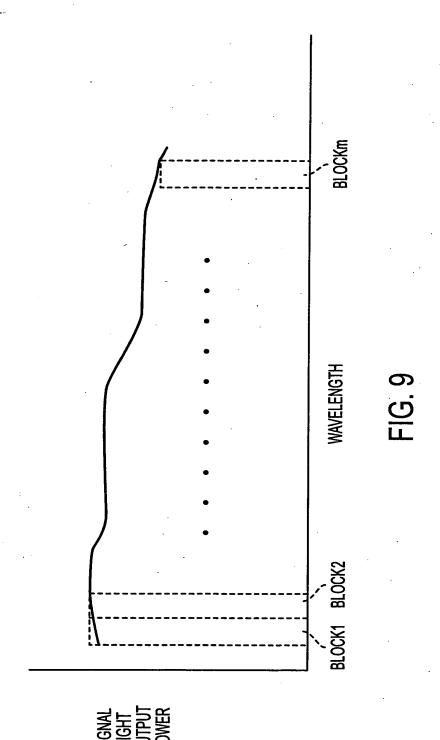
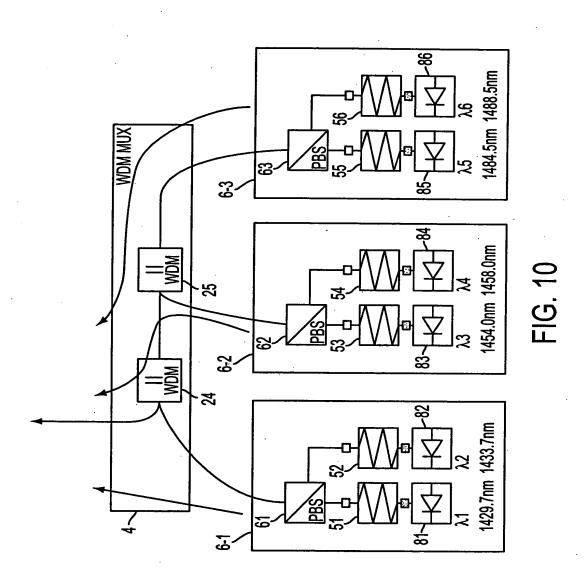
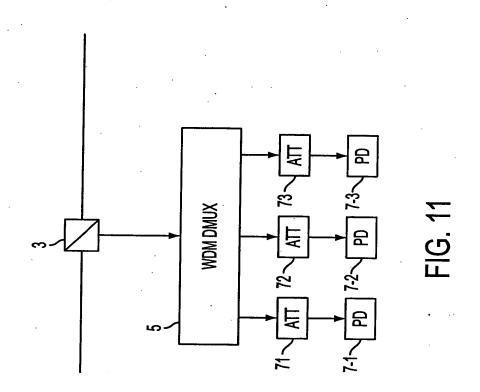


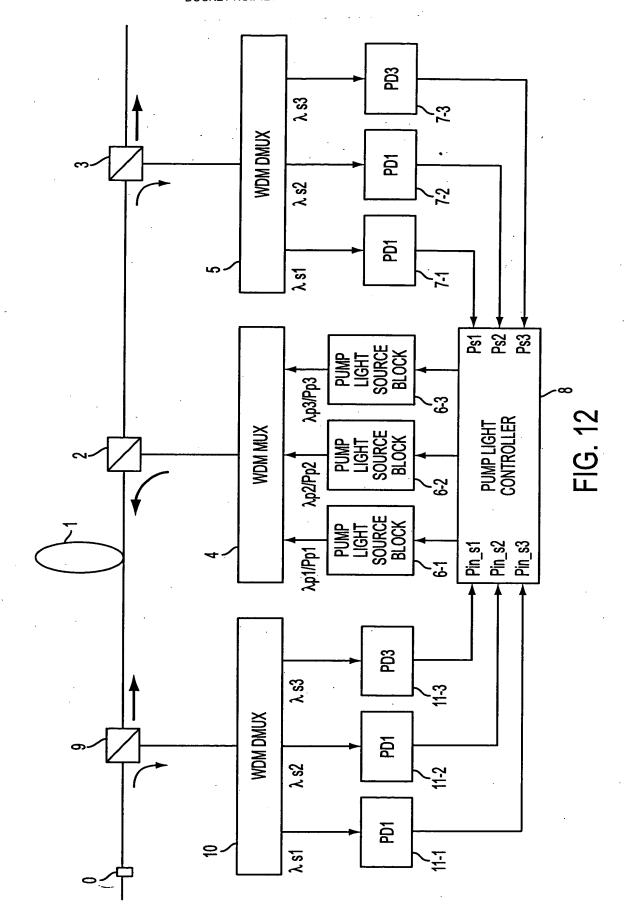
FIG. 7











TITLE: OPTICAL AMPLIFIER WITH PUMP LIGHT SOURCE CONTROL FOR RAMAN AMPLIFICATION

INVENTORS: Etsuko HAYASHI, et al.

SERIAL NO.:

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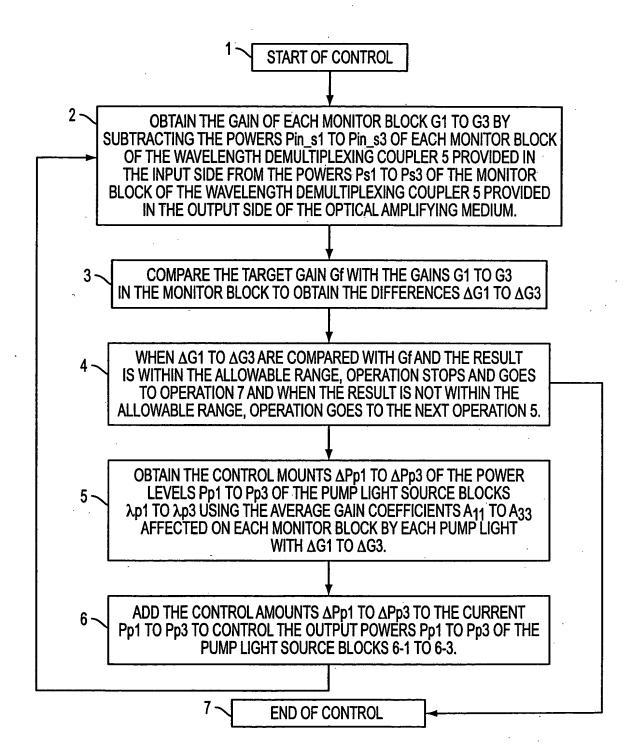


FIG. 13

